

Title (en)
Loading system for propellant charges

Title (de)
Treibladungszuführungssystem

Title (fr)
Système de chargement pour charges propulsives

Publication
EP 1736726 A1 20061227 (DE)

Application
EP 06011038 A 20060530

Priority
DE 102005029413 A 20050624

Abstract (en)
The propellant charge supply system automatically supplies modular propellant charges (1.1) to the barrel (8.1) of a heavy weapon with a lock (5.1) and a propellant charge chamber. A propellant charge tray (3.1) is co-axial with the barrel axis. A starting device provides a starting stroke to move the propellant charge tray in the lock as far as the propellant charge chamber.

IPC 8 full level
F41A 9/37 (2006.01); **F41A 9/43** (2006.01)

CPC (source: EP US)
F41A 9/375 (2013.01 - EP US); **F41A 9/43** (2013.01 - EP US)

Citation (applicant)
DE 10258263 A1 20040708 - KRAUSS MAFFEI WEGMANN GMBH & C [DE]

Citation (search report)
• [DXY] DE 10258263 A1 20040708 - KRAUSS MAFFEI WEGMANN GMBH & C [DE]
• [Y] DE 161869 A
• [Y] GB 260093 A 19261028 - WILLIAM BEARDMORE & COMPANY LT, et al
• [Y] FR 338000 A 19040504 - SCHNEIDER & CIE [FR]
• [A] US 6772669 B1 20040810 - STAALHANDSKE KENT [SE], et al
• [A] US 5168121 A 19921201 - MAYNARD ALFRED C [US]

Cited by
DE102009058565A1; DE102009058566A1; DE102017107442B4; US11015888B2; WO2018184632A1; WO2011072672A1; WO2011072674A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1736726 A1 20061227; EP 1736726 B1 20080220; AT E386916 T1 20080315; AT E528607 T1 20111015; DE 102005029413 A1 20061228; DE 502006000355 D1 20080403; EP 1830153 A2 20070905; EP 1830153 A3 20091209; EP 1830153 B1 20111012; ES 2302276 T3 20080701; ES 2374574 T3 20120220; NO 20062818 L 20061227; NO 336643 B1 20151012; US 2007113732 A1 20070524; US 7836812 B2 20101123

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EP 06011038 A 20060530; AT 06011038 T 20060530; AT 07011637 T 20060530; DE 102005029413 A 20050624; DE 502006000355 T 20060530; EP 07011637 A 20060530; ES 06011038 T 20060530; ES 07011637 T 20060530; NO 20062818 A 20060615; US 47468406 A 20060626